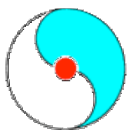




Run-6 Preparation

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Stony Brook & RBRC

Time and Scheduling Meeting



Preparedness

- 2 person shift since February 7th, 2006
 - Flammable gas in the detectors
 - HV/LV checks of all detectors performed (except a few)
- 5 person shift starts February 22nd, 2006
- Weekly shift training to incoming crew started yesterday
- DAQ development in progress
 - Turning on each detector LV and reading it out, first stand alone, and if it succeeds, it goes in to the “BigPartition”
- Online monitoring systems being updated, most systems checked out, some with problems remain, and are being debugged
- Data handling at 1008 (three pronged approach)
 - 10-15% of triggered data is produced immediately
 - Data that passes certain high level criteria (LVL2 filter) online is streamed out (~10-15%) is written to disk and shipped to outside station (Vanderbilt Computing farm)
 - All 200 GeV CM data is transferred to our Computing Center in Japan (CCJ) for fast analysis. (famous: last year for 60-80MB/sec x ~6 months)
 - The data transfer scheme tested with similar results

Concerns/Time Lines

- Early readiness of Beam Beam Counter:
 - After the water leak around Christmas we decided to use dry LN_2
 - 6000 Gallon dewar ordered, expected on Feb. 24, a few more days to set-up
 - Need BBC before that for timing of rest of the detector
 - Will use smaller (250 Gallon) dewars with frequent fill-ups
- Access requests:
 - BBC crew from Japan at BNL on 20/21 Feb. to turn BBC on
 - May need a short access around **February 22nd**
 - We expect to see some beam after that and would like to schedule some accesses early (to fix or/and install test equipment)
 - **March ~1, 8**
 - SiVTX radiation study equipment test stand
 - Reaction plane detector test equipment dismantling
 - Other minor jobs

Physics focus unchanged

- 200 GeV CM polarized pp
 - 4 weeks transverse radial (Sivers effect)
 - 6-7 weeks longitudinal (Delta-G)
- 62.4 GeV CM polarized pp
 - 2 weeks transverse vertical ok (comparison data set and A_N)
- 22 GeV CM pp
 - ~3 days, no polarization request (comparison CERN/SpS data)
- 500 GeV CM polarized pp
 - 1 week machine development, but will take data whenever collisions are provided for studies of future triggers, background levels, and local polarimetry